

[54] MECHANICAL MOTION DETECTOR

3,573,405 4/1971 Skinner..... 200/61.39

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[57] **ABSTRACT**

A housing defines a fluid enclosure which contains a gear pump having a driving gear that couples for rotation by a shaft. When the shaft rotates, the gear pump forces fluid through one of two fluid passages in the housing against the force of a valve spring. A torque which remains relatively constant over a wide range of shaft speeds is thus applied to the housing, and in reaction the housing rotates to operate an electrical switch.

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[58] Field of Search..... 200/61.39, 81.9, 61.86

[56] **References Cited**

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6 Claims, 7 Drawing Figures

